Bruhat Bengaluru
Mahanagara Palike

BRUHAT BENGALURU MAHANGARA PALIKE

Office of the Deputy Chief Information Officer-IT

Tender Notification No: BBMP/2025-26/IND0148 Dated:17/07/2025

Short term Tender for the Supply, Installation, and Commissioning of Next-Generation Firewalls and Switch for the IT Department of BBMP.

Office of the Deputy Chief Information Officer (IT)
BBMP Head Office, 2nd Floor, Annex Building-2
N.R Square, Bengaluru-560002
Ph: 9480688000, E-Mail: dcio-it@bbmp.gov.in

BRUHAT BENGALURU MAHANAGARA PALIKE

IT Department

Office of the Deputy Chief Information Officer-IT, 2nd Floor, Annex Building-2 NR Square, BBMP, Bengaluru - 560002
Ph: 9480688000, E-Mail: dcio-it@bbmp.gov.in

No. BBMP/2025-26/IND0148 Dated:17-07-2025

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Ph: 9480688000, E-Mail: dcio-it@bbmp.gov.in

No. BBMP/DCIO-IT/PR/ /2025-26 **Dated:17-07-2025.**

: TENDER NOTIFICATION :

The Deputy Chief Information Officer-IT, BBMP Department on behalf of Chief Commissioner, BBMP invites Proposals through Karnataka Public Procurement Portal from eligible companies for Next-Generation Firewalls and Switch for IT Department, BBMP.

All interested bidders shall submit their Technical and Commercial bids electronically through Karnataka Public Procurement Portal (https://kppp.karnataka.gov.in).

The tender schedule is as mentioned below:

Tender Notification No	**BBMP/2025-26/IND0148**
Date from which Bid document is ready for download through Karnataka Public Procurement Portal of Government of Karnataka (https://kppp.karnataka.gov.in)	17-07-2025 up to 15.00 Hrs
Date of Pre-bid Meeting and venue	21-07-2025 at 15.00 Hrs Office of the Special Commissioner (Revenue and IT) BBMP Head Office premises, 1st Floor, N.R.Square, BENGALURU - 560 002.
Last date for seeking clarification if any	21-07-2025 at 16.00 Hrs
Last date and time for uploading of tender in Karnataka Public Procurement Portal platform	25-07-2025 up to 17.00 Hrs
Date and time of opening of tenders: Technical Bid & Technical Evaluation	28-07-2025 at 11.00 Hrs
Date and time of opening of tenders: Commercial Bid (If Possible)	30-07-2025 at 11.00 Hrs
Contact Person for queries	DCIO, BBMP IT Section, Telephone: 9480688000, E Mail: **dcio-it@bbmp.gov.in**

Place of Opening of Tenders and Address for communication	**Office of the Deputy Chief Information Officer-IT, 2nd Floor, Annex-2 Building, NR Square, BBMP, Bengaluru - 560002**
EMD Amount	**Rs.1,50,000/- (Rupees One Lakh Fifty Thousand Only.)**

Note: Completed tender shall be uploaded through Karnataka Public Procurement Portal system only in the manner described under instructions to Tenderers of RFP Documents on or before the last date & time stipulated.

Deputy Chief Information Officer - IT
Bruhat Bengaluru Mahanagara Palike

Table 1: Other important information related to the tender.

SL No	Item	Description
1	Bid Validity Period	90 days from the last date of submission of proposals.
2	Last date for furnishing performance security	Within 15 working days from the date of issue of Letter of Intent.
3	Performance security value (Performance Bank Guarantee)	5% of contract value.
4	Performance security validity period	42 months from the date of end of contract.
5	Deadline / last date for signing contract	Within 15 working days of notice of award.

SECTION – 1

Introduction

The BBMP IT Department requires "Supply, Installation and commissioning of Next-Generation Firewalls and Switch".

With the objective to Supply, Installation and commissioning of **"Next-Generation Firewalls and Switch for IT Department, BBMP".** Hence, the IT Department invites proposals from eligible bidders for Supply, Installation and commissioning of **"Next-Generation Firewalls and Switch for IT Department, BBMP"** as per specification mentioned in **Annexure-1** this tender is processed following the KTPP Act and Rules through Karnataka Public Procurement Portal of Government of Karnataka (https://kppp.karnataka.gov.in).

SECTION-2

Scope of Work

1. **Technical Specification of the Network Devices:**
   The specifications of these prescribed in **Annexure – 1.**

2. **Supply of Firewall and other network Devices and Licenses**
   2.1. Provide all required licenses for a minimum period of **3 years**, including:
   - Threat protection (IPS, Antivirus, Anti-Bot, Sandboxing).
   - Web filtering and Application control.
   - SSL VPN and IPsec VPN support.

3. **Installation and Configuration**
   3.1. **Hardware Installation**:
   - Install the supplied firewalls and other network devices at the designated location:
     - Bengaluru Traffic Police Command Centre,

       4th Floor, Infantry Road, Bengaluru - 560 001.

   3.2. **Network Integration**:
   - Integrate the new firewalls into the existing network architecture without downtime.
   - Ensure connectivity with core switches, ISPs, and other essential infrastructure.

   3.3. **Basic Configuration**:
   - Configure firewall rules for traffic filtering, NAT, and routing as per BBMP's requirements.
   - Set up High Availability (HA) configurations (Active-Active/Active-Standby).
   - Configure VPN (IPsec/SSL) for secure remote access.

4. **Licensing and Support**
   4.1. Provide licenses and subscriptions for a minimum of **3 years**, covering:
   - Firmware updates and feature enhancements.
   - 24/7 vendor support for troubleshooting and issue resolution.

5. **Security and Performance Optimization**

5.1. **Firewall Features**:

- Enable and optimize key security features:
  - Threat Prevention (IPS, Antivirus, Anti-Bot).
  - Application Control and Web Filtering.
  - SSL/Deep Packet Inspection.
- Configure WAN Path Controller and Link Health Monitoring for better application performance.

5.2. **Compliance**:

- Configure security policies to ensure compliance with BBMP's regulatory and operational requirements.
- Implement IPv6 capabilities as required.

6. **Documentation and Knowledge Transfer**

6.1. Provide complete documentation, including:

- Hardware details, license information, and warranty.
- Configuration details, including firewall rules, HA setup, VPN settings, and monitoring configurations.

6.2. Conduct training for BBMP IT staff on:

- Managing and monitoring the new firewalls.
- Basic troubleshooting and log analysis.

7. **Testing and Acceptance**

7.1. Conduct comprehensive tests to verify:

- Functionality of firewall policies, VPNs, and NAT.
- Performance under expected traffic loads.
- Security features (e.g., IPS, antivirus, web filtering) are working as expected.

7.2. Ensure zero downtime during the transition and verify business continuity.

8. **Ongoing Support and Maintenance**

8.1. Provide technical support and maintenance for a period of **3 years**, including:

- Regular firmware upgrades.
- 24/7 remote support for critical issues.
- On-site support as required.
- Quarterly health checks to ensure optimal performance and security.

9. Deliverables

1. Supply firewall and other network devices with all required licenses.
2. Install and configure network devices at the specified locations.
3. validated firewall rules and configurations.
4. Comprehensive documentation and knowledge transfer to BBMP IT staff.
5. Ongoing support and maintenance for 3 years.

10. Bill of Material (BOM):

SL No.	Product Description	Quantity
1	Next Generation Firewall in HA with all required licenses for 03 years	2
2	L3 Switch with support for 03 years	1
3	SFP+ Transceivers - 10GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots	12

11. Schedule of Supply of Products:

The Firewall and Switch with the specification mentioned in **Annexure-1** shall be delivered to the BBMP IT Department and these to be installed within **45 days** from the date of receipt of purchase order. The bidder is solely responsible if the Goods are damaged/not functioning before handing over to the respective Offices as per **Annexure–6** and must set right the issue if any.

Any variation in the specification of the Firewall supplied will not be accepted and the bidder shall confirm the supplied Firewall and Switch with Specification mentioned in **Annexure-1**.

SECTION-3

Pre-Qualification Criteria for Technical Bid

The bidder shall possess the following criteria as minimum qualification to be eligible: -

Sl. No	Eligibility Criteria	Documents to be submitted
1.	Bidder should furnish copy of the Registration document where the company is registered under Indian Companies Act 1956/ Partnership Act 1932 / Proprietorship Act.	A copy of "Certificate of Incorporation" of the company. A Copy of Partnership / Proprietorship Registration Certificate and Company PAN Card and GST details.
2.	Bidder shall be authorized dealer and shall submit Manufacturer Authorization Form (MAF) as per **Annexure-4** or if Bidder is OEM, declaration shall be furnished to that effect as per **Annexure-4**.	**Annexure-4**
3	The bidder/OEM should have ISO 9001, ISO 20000 and ISO 27001 certificates and in business for the last 3 years.	Copy of Valid Certificates to be enclosed.
4	Bidder should be registered under GST and GST returns of last 3 financial years should be furnished.	Documentary evidence to be provided.
5	The bidder shall provide documentary proof of IT returns filed for previous three financial years. (Provisional Certificates will not be entertained)	IT Returns should be submitted (Certified by CA)
6	**Other than MSEs –** The Average Annual financial turnover of the tenderer should be not less than estimated cost of the quantity in the Tender Document during the last one preceding financial year. The CA certified turnover certificate with UDIN should be uploaded. **MSEs –** The Average Annual financial turnover of the tenderer should be not less	**Annexure-3** Copy of the audited Balance Sheet and Profit and Loss statement of the company showing turnover of the company for last three years. (Certified by CA)

	than 50% of the estimated cost of the quantity in the Tender Document during the last two preceding financial years. MSEs registration certificate should be uploaded.	
7	The bidder should have executed successful supply of at least **Rs.75.00 Lakhs (Seventy-Five Lakh)** worth of **Firewall and Network Switches** to any Government Department in Karnataka or any other State Government or Central Government or Government owned PSU or Agency in the last 3 financial years. The POs should be in name of bidder only. Proof of successful supply to be attached.	Customer PO copy and confirmation letter from the authority for having successfully executed the contract to be enclosed. (Also, Year-wise excel sheet of all the work orders should be uploaded)
8	Company Information shall be furnished as per **Annexure-5.** Bidder / OEM should have Corporate/Regional office with good service and technical support team in BBMP limits with authorized service centres with minimum of one service engineer in each of the service centres in the State of Karnataka.	**Annexure-5**
9	The bidder should not have been blacklisted by any organization in Karnataka for any reason whatsoever. **(Annexure-7)**	Self-Declaration Certificate should be enclosed on Rs.500 Stamp Paper duly Notarised.
10	The bidder would provide letter of compliance of the technical specification indicated in **Annexure-1**	**Annexure–1**

SECTION-4

Service Level Agreement and Penalty

1. RESPONSIBILITIES OF THE SUCCESSFUL BIDDER: -

a) The bidder should Supply or delivery goods as per **Annexure-1** to BBMP IT Department shall within 30 days from the date of receipt of Purchase Order and within 45 days of the PO the installation shall be completed.

b) The bidder must provide details of service centres with Complaint Management System. It should have a full-fledged Service Desk which will be a Single Point of Contact (SPOC) for all the users. The Service Desk should receive all Complaints via Phone/Mail and provide satisfactory resolution for the entire period of contract.

c) The Bidder should furnish its Complaints Escalation Matrix, clearly indicating all Resolution Levels from bottom to top, Contact Persons with Contact Numbers/ e-Mail IDs for each level.

d) Any manufacturing defects or technical issues to hardware's within the warranty period should be immediately repaired or replaced within 3 working days.

e) Performance Bank Guarantee: -

The successful bidder, within 15 days from the date of issue of letter of intent, will submit Performance Bank Guarantee of 5% of the value of the tender to BBMP IT Department valid for a period of 42 months.

f) **Contract Agreement**: -

The Successful Bidder must execute agreement in Bond paper (The value of the stamp paper will be ₹500 for every ₹10 lakhs of the contract value) within 20 days from the date of issuance of purchase order on behalf in the form approved by the BBMP IT Department.

g) **Information Sharing**: -

Item description, make, model, items serial numbers, Date of supply, Date of warranty, Escalation Matrix are to be affixed in a sticker on individual unit and consolidated data shall be furnished to the BBMP IT Department in excel sheet and also share the information through mail (dcio-it@bbmp.gov.in).

2. PENALTY FOR DELAY IN SUPPLY AND INSTALLATION: -

For delay in supply and installations of hardware's within 30 days from the date of receipt of purchase order, penalties as indicated below table would be applicable and the penalty amount will be deducted.

SL No	Penalty Period	Penalty Levied for The Delay
1	After completion of 30 days from the date of receipt of purchase order.	Penalty Shall be 0.5% of contract value per week for delay (Excluding Govt Holidays). Provided in case of delays beyond 30 days to 60 days limit, the tender is liable to be cancelled.

a) Any manufacturing defects or technical issues to any supplied hardware and software within the warranty period should be immediately repaired or replaced or resolved within 3 working days or else Penalty of 0.1% of contract value per day will be deducted from the PBG.

b) Any outstanding Penalty amount due on the date of submission of Invoice will be straightaway deducted from the bill.

c) If there is no bill pending for payment, then the penalty amount will be encashed from PBG.

d) **Penalty Cap: -**

The total penalty amount shall not exceed 10% of the total tender value. If the penalty for delayed installation of network devices or failure to repair them within the stipulated time reaches 90% of the Performance Bank Guarantee value, the Department reserves the right to forfeit the Bank Guarantee and cancel the purchase order.

3. MAINTENANCE AND SERVICE

i) Free service shall be provided by the supplier during the period of warranty. After warranty period, for next three years, annual maintenance and repairs of the entire system including supply of spares etc. will be done by the Supplier. The annual maintenance and repair cost (after warranty period) shall be paid in equal quarterly installments at the end of each quarter from the date of completion of the warranty subject to satisfactory services rendered as specified in the bid document and the resultant contract as per the rates quoted in the price schedule.

ii) During the warranty period the maximum time for maintenance complaint from any of the destinations the schedule Service level Agreement will be applicable as specified below.

SL No	Services	Time limit and penalties
1	Service support should be available on all the working days of the Government	Sundays and General Holidays exempted

SL No	Services	Time limit and penalties
2	Time limit for resolving technical issues or hardware issues.	Within 03 Days
3	The time taken for servicing will be calculated from the time incident reported to the service provider, to the time the issue is resolved. Government holidays will be excluded.	
4	Penalty clause for delay in Service	a. Up to seven days- 0.1% of contract value per day. b. Next seven days (i.e. 8th day-14th day)- 0.2% of contract value per day c. Next seven days (i.e. 15th day to 21st day)- 0.3% of contract value per day. d. After 21 days -10% of contract value or crossing 21 days at any point of time will result in forfeiture of bank Guarantee.
5	If the vendor fails to resolve the issue.	An amount equivalent to double the quoted/accepted price of the network device will be charged to the vendor.

The vendor needs to provide the following services:

a) The vendor is also required to provide a toll-free number with adequate lines so that the Beneficiaries report complaints about non-functioning of network devices.

b) The vendor should have service centers in **Bengaluru** and each of these service centers must be staffed sufficient number of staff. The supplier shall provide the contact numbers of the Service Stations to the beneficiaries.

c) It is expected that the average downtime of the system will be less than half the maximum downtime (i.e defined as number of days for which an item of the Network device is not usable because of inability of the supplier to repair it) as mentioned in the form of technical details. In case an item is not usable beyond the stipulated maximum downtime, the supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for a penalty of Rs 100/- per day per item. The amount of penalty will be recovered from the performance security guarantee during warranty period.

d) The purchaser reserves all rights to terminate the maintenance and repair contract after warranty period at any time without assigning any reason and supplier cannot claim any compensation in this respect.

4. TERMS OF PAYMENT: -

The payment terms shall be as follows:

a) No advance payment shall be paid.

b) The Bidder should submit the following documents for payment Deputy Chief Information Officer, BBMP IT:

1. Original invoice
2. Original Delivery Challan. (Seal & Signature)
3. Original installation report. (Seal & Signature)
4. Relevant Photos.

c) Payment shall be processed in full on receipt of the above documents and any outstanding amount due from the bidder will be deducted from the bills.

d) BBMP IT Department is entitled to make recoveries of GST, TDS and penalties, excess payment and applicable taxes from bidders' invoice if lawfully needed.

e) In case of any change in rate of applicable GST, the difference of tax will be absolved by BBMP Health Department.

f) The bidder shall submit completion certificate in proper manner required by this office. Incomplete submission of completion certificate will delay the payment.

Note: The above reports shall be duly signed with seal and signature of the authorized person where the hardware is delivered / installed. (The documents shall be signed by the respective Head of Department).

5. <u>LITIGATION</u>

a) Amicable Settlement: -

The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or the interpretation thereof.

b) Dispute Settlement: -

Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement to the Chief Commissioner, Bruhat Bengaluru Mahanagara Palike whose decision shall be final.

6. TERMINATION OF CONTRACT: -

BBMP IT Department reserves the right to cancel the contract placed on the bidder if:

a) The bidder commits breach of any of the terms and conditions.

b) The bidder goes into liquidation voluntarily or otherwise.

c) The service is found unsatisfactory during the warranty period.

d) The bidder supplies counterfeit / fake items.

e) The OEM terminates the contract with bidder.

f) The bidder wins the contract by misrepresenting facts relating to documents submitted for evaluation.

SECTION–5
General Tender Conditions

Clause-1: BBMP Department, hereinafter called the "Department" invites tenders through the Karnataka Public Procurement Portal from specialized and eligible bidders for providing Next-Generation Firewalls and Switch for the IT Department of BBMP as per specifications in **Annexure – 1".**

Clause-2: Neither the bidder nor the OEM should have been blacklisted by any Government / PSU / Banking organization in India.

Clause-3: Each bidder should submit only one tender.

Clause-4: The bidder shall be responsible for all the costs associated with the preparation, submission and opening of tenders.

Clause-5: The tenders shall remain valid for a period not less than 180 days after the date of opening of tenders. If a bidder withdraws his tender during the validity of the tender, then the EMD shall be forfeited.

Clause-6: At any time prior to the date and time of submission of the tenders, the Employer may issue any amendment to this tender document.

Clause-7: The bidders shall quote in Indian Rupees and the quoted price shall be inclusive of all taxes, duties, statutory levies, supplying, installing, commissioning, freight and forwarding. Any Change in the quoted price is not allowed after the submission of the bid.

Clause-8. Pre delivery and post-delivery inspections.

As and when the goods are ready for shipment, the second party should inform the first party in writing. The second party agrees to get testing of 100% goods from a third-party agency as decided by the first party at the second party`s own expenses which includes travel expenses and inspection charges. 100% Goods will be tested during the pre-delivery inspection by the agency identified by the first party. After distribution of Goods to the beneficiary, the supplier has to provide service in case of any Hardware or Software issues found during the warranty period as per the Warranty Terms.

Clause-9: Earnest Money Deposit (EMD): -

- The Bidders shall submit, along with their Pre-qualification cum Technical Bid, Bid security or **EMD of Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand Only).**

- Unsuccessful bidders' Earnest Money Deposit will be refunded as promptly as possible as but not later than 45 days after the expiration of the period of tender validity prescribed.
- The bid security is required to protect the BBMP against the risk of Bidder's conduct, which would warrant the security's forfeiture. No interest will be payable by the BBMP on the amount of the Bid Security. The bid security may be forfeited if a Bidder withdraws his bid or increases his quoted prices during the period of bid validity or its extended period, if any.
- The Service Provider shall, as part of its tender, pay the Earnest Money Deposit as specified.
- The Earnest Money Deposit is required to protect the Department against the risk of the firm's conduct which would warrant the security's forfeiture.
- The successful bidders Earnest Money Deposit will be refunded upon the bidder signing the Contract and furnishing the performance security.
- Earnest Money Deposit (EMD) will be forfeited:
    - If the bidders withdraw their tender during the period of tender validity specified by the Department or
    - In case of the successful bidder, if the bidder fails:

      (i) To sign the Contract.

      (ii) To furnish performance security.

Clause-10: Pre-Bid Meeting (PBM):

BBMP IT Department shall make best efforts to respond to any request for clarification for the Tender Document to the prospective bidders. Such requests are to be made in writing or through mail and are to be received by Department at least 2 working days before the Pre-Bid Meeting as per the date and time mentioned in the Schedule. The clarification will be uploaded in e-portal itself after the pre-bid meeting.

Clause-11: Submission, Receipt and Opening of Bids Timeline: -

The Original proposal shall be uploaded in the Karnataka Public Procurement Portal of Government of Karnataka on or before the due date. Tentative dates are mentioned in the Tender Schedule. Any changes in the schedule will be intimated in the e-Portal itself. Separate Communication will not be done; hence, bidders are requested to go through Karnataka Public Procurement Portal of Government of Karnataka (https://kppp.karnataka.gov.in) on regular basis.

Clause.12: Unresponsive Bids: -

Bids with incomplete documentation will be treated as non-responsive and summarily be rejected. Bidders are hereby directed to ensure that all documentation/supporting documentation including documentary evidence in support of qualification criteria, testimonials, etc., are complete and submitted as part of the Bid.

Clause.13: Bid Format: -

The tender is of Two Bids Proposal which consists of Technical and Commercial bids - to be submitted separately by the bidder on or before the specified date and time in Karnataka Public Procurement Portal in relevant fields only. No manual submission is permitted and uploading of commercial bid in any other format is not permissible. Manual submission / uploading commercial bid in any other formats are liable for rejection.

Clause-14: Bid Evaluation: -

The Commercial bids of technically qualified bidders will be opened in the Karnataka Public Procurement Portal as per the Tender schedule. The L1 bidder selection will be based on the lowest quote.

Clause-15: Award of Contract: -

The contract will be awarded to the successful L1 Bidder whose Bid has been determined to be substantially responsive, with reasonableness and the Best Value Bid. However, the decision of IT Department, BBMP is final in this regard.

- BBMP IT Department is not liable or responsible for any error/ problem that may be faced while uploading bid in Karnataka Public Procurement Portal, online failure, or any other reasons.
- BBMP IT Department reserves the right to cancel the tender for any reasons.

Clause-16 : Debarment/Black listing:

The BBMP reserve the right to black-list debar any bidder/supplier due to any act of omission or commission or fraudulent act indulged or caused to be indulged by such bidder/supplier in the course of bidding process and/or in the execution or performance of any contracts which may be awarded to the bidder/supplier pursuant to the tender provided however, that the department shall be obliged to allow on opportunity of being heard to such bidder/supplier before any order of black-listing/debarment could be passed any such order of black-listing/debarment that may be passed by the department shall be without prejudice to other rights of actions available to the department against the bidder/supplier under the tender terms & conditions.

Clause – 17 : Border Clause.

Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority as specified in Annexure I of GO No. FD 455 Exp-12 2020 dated 01.04.2023.

ANNEXURE–1

TECHNICAL SPECIFICATIONS

A. FIREWALL		
SL No	**Description**	**Specification**
1	Interfaces	6 x 10G/5G/2.5G/1G (SFP+);
		24 x 1GbE Cu
		2 USB 3.0,
		1 Console,
		1 Mgmt. port
2	Storage	128GB
3	Storage Expansion Slot	Up to 1TB
4	Logical VLAN and tunnel interfaces (maximum)	512
5	SSO Users	50,000
6	Access points supported(maximum)	512
7	Firewall inspection throughput	18 Gbps
8	Threat Prevention throughput	9.5 Gbps
9	Application inspection throughput	11 Gbps
10	IPS throughput	10 Gbps
11	Anti-malware inspection throughput	9.5 Gbps
12	TLS/SSL inspection and decryption throughput (DPI SSL)	5 Gbps
13	IPSec VPN throughput	11 Gbps
14	Connections per second	1,15,000
15	Maximum Connections (SPI)	40,00,000
16	MAX DPI-SSL Connections	3,50,000
17	Maximum connections (DPI)	20,00,000
18	Site-to-site VPN tunnels	4,000
19	IPSec VPN clients (max)	500 (3000)
20	SSL VPN licenses (max)	2 (1000)
21	Encryption/Authentication	DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, Suite B Cryptography
22	Key exchange	Diffie Hellman Groups 1, 2, 5, 14v
23	Route-based VPN	RIP, OSPF, BGP
24	Certificate support	Verisign, Thawte, Cyber trust, RSA Keon, Entrust and Microsoft CA for VPN, SCEP

25	VPN features	Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN
26	Global VPN client platforms supported	Microsoft® Windows Vista 32/64-bit, Windows 7 32/64-bit, Windows 8.0 32/64-bit, Windows 8.1 32/64-bit, Windows 10
27	Mobile Connect	Apple® iOS, Mac OS X, Google® Android™, Kindle Fire, Chrome, Windows 8.1 (Embedded)
28	Deep Packet Inspection services	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, DPI SSL
29	Content Filtering Service (CFS)	HTTP URL, HTTPS IP, keyword and content scanning, Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists
30	Comprehensive Anti-Spam Service	Supported
31	Application Visualization	Yes
32	Application Control	Yes
33	Capture Advanced Threat Protection	Yes
34	IP address assignment	Static (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay
35	NAT modes	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode
36	Routing protocols	BGP4, OSPF, RIPv1/v2, static routes, policy-based routing
37	QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM)
38	Authentication	LDAP (multiple domains), XAUTH/RADIUS, TACACS+, SSO, Radius accounting NTLM, internal user database, 2FA, Terminal Services, Citrix, Common Access Card (CAC)
39	Local user database	2500
40	VoIP	Full H323-v1-5, SIP

41	Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3
42	Common Access Card (CAC)	Supported
43	High availability	Active/Passive with stateful synchronization
44	Form factor	1U Rack Mountable
45	Fans	2 (removable)
46	Power supply	350W
47	Maximum power consumption (W)	108.1
48	Redundant Power Supply	100-240 VAC, 50-60 Hz

B. SWITCH

SL No	Description	Specifications
1	Total Network Interfaces	48x 10G/1G SFP+/SFP ports and 6x 40G QSFP+ ports
2	10/100/1000 Service Ports	1
3	RJ-45 Serial Console Port	1
4	Form Factor	1 RU Rack Mount
5	Switching Capacity (Duplex)	1760 Gbps
6	Packets Per Second (Duplex) 64 bytes	1518 Mpps
7	Mac Address Storage	144 K
8	Network Latency	< 800 ns
9	VLANs Supported	4 K
10	IPv4/IPv6 Routing	Yes
11	Link Aggregation Group Size	Up to 48
12	Total Link Aggregation Groups	Up to number of ports
13	Queues/Port	8
14	Packet Buffers	12 MB
15	Memory	8GB DDR3
16	Flash	128MB NOR
17	Drive	128GB SSD
18	Power Required	100–240V AC, 50–60 Hz
19	Power Consumption (Maximum)	up to 181.7 W
20	Power Supply	Dual hot swappable AC

Make and model of the above items has to be specified while submitting compliance.

ANNEXURE–2

COMMERCIAL BID FORMAT

(Submitted by Letterhead)

SL No.	Item	Qty Nos	Cost Per Unit Rs	GST Rs	Total Cost Per Unit Rs	Total Bid Value Rs
01	**02**	**03**	**04**	**05**	**06**	**07 (7=3x6)**
1	Next Generation Firewall in HA with all required licenses for 03 years	2				
2	L3 Switch with support for 03 years	1				
3	SFP+ Transceivers - 10GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots	12				

Note: The above rates are inclusive of commissioning, transportation, taxes and any other incidental and installation etc charges.

(Signature)
Name &Designation
Seal of Office

ANNEXURE-3

Format For Experience / Turnover Information

(To be certified by Chartered Accountant)

Total turnover of the bidder during the preceding 3 years

Financial year	Details of Network devices Sold	Turnover in INR (Rs. In Lakhs)
2021-22		
2022-23		
2023-24		

Note:

Provisional / Draft Turnover Certificates will not be entertained. All such will be rejected.

Seal and Signature of the Authorized person

Note:

Bidder shall upload documents supporting the information furnished as per Annexure-3 along with Index and summary in excel, year wise as per below format.

Year:

SL No	Work Order No	Date	Details of Product supplied	Supplied To	Amount in Rs
01	02	03	04	05	06

ANNEXURE-4

Manufacturer Authorization Form (MAF)

(To be submitted in OEM Letterhead)

Ref No. **Dated: __-__-2025**

To:

The Deputy Chief Information Officer-IT,
Second Floor, Annex-2 Building,
NR Square, BBMP,
Bengaluru – 560002
Email: dcio-it@bbmp.gov.in
Ph: 9480688000

Dear Sir /Madam,

Sub: Supply, Installation and commissioning of Next Generation Firewall and Switch for IT Department, BBMP.

We authorize M/s XYZ Limited, Bengaluru to offer their quotation, negotiate and conclude the contract with you against the above invitation for tender offer.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender and or the contract for the equipment and services offered against this invitation for tender offer by the M/s XYZ Limited, Bengaluru.

We hereby commit to the tender terms and conditions and will not withdraw our commitments during the process during the contract including warranty period.

In case, this authorized bidder during the warranty period fails to extend the required technical support for any reason as per the tender terms, we are submitting an undertaking that as an OEM, we shall take over the responsibilities unconditionally.

Yours Faithfully,

Seal and Signature
Of the Authorized Person

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. The documents authorising the competent person for sign Power of Attorney as applicable shall be attached by the tender along with format.

ANNEXURE-5

COMPANY CONTACT INFORMATION FOR COMMUNICATION

(To be submitted in Letterhead)

THIS INFORMATION IS NEEDED IN CASE IT IS FOUND NECESSARY TO COMMUNICATE REGARDING THIS TENDER

SL. NO.	DESCRIPTION	DETAILS
1	Business Name of the company and its Registered office Postal address	
2	As incorporated in other tenders, alternate address of company/ bidder	
3	Name of the authorized Representative and designation who is uploading this RFP tender bids	
4	(a) E-mail- id (b) Alternate email –id	
5	(a) Contact Number (b) Alternate contact number	
6	Bidder / OEM shall enclose Information of the Corporate/ Regional/ authorized service centres **in Bengaluru** list as per clause 8 of Section 3 (Additional Sheet shall be enclosed endorsing the Address and Contact Details of each Centre)	

Seal and Signature of
the Authorized Person

ANNEXURE-6

TENDER FORM

(To be submitted in Letterhead)

Tender Reference number: Date :

From,

To,

Sir,

Having examined the Tender Documents including Addendum ……., the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the goods as per tender conditions and provide service in accordance with said tender documents and the rates uploaded in the KPPP Portal is made part of this tender.

We undertake, if our tender is accepted, to deliver the goods and service in accordance with the delivery schedule specified in the Schedule of Requirements.

We agree to abide by this tender for the Tender validity period specified in RFP and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per tender documents.

Dated this.....day of 2025.

(signature)

ANNEXURE-7

Undertaking on Being Not Black-Listed
(To be submitted in Stamp paper)

This is to certify that <<COMPANYNAME>> is not blacklisted by the Government of Karnataka or any of its agencies for any reasons whatsoever and the bidder should not be blacklisted by Central / any other State/UT Government or its agencies for indulging in corrupt or fraudulent practices or for indulging in unfair trade practices as on the 30.12.2024. I further understand that the disqualification in this regard will be attracted in case of such a block-listing is there as on the date of technical evaluation of this bid.

Company Secretary /
Authorized Signatory
Name of Signatory:
Bidder Name: Date
Place

ANNEXURE-8

Undertaking on litigation (s)

(To be submitted in Letterhead)

This is to certify that << COMPANY NAME >> is not involved in any litigation that may have an impact of affecting or compromising the delivery of services as required under this RFP.

Company Secretary /

Authorized Signatory

Name of Signatory:

Bidder Name: Date

Place

ANNEXURE-9

EMD Declaration

(To be submitted in Letterhead)

I, hereby submit a declaration that the tender submitted by the undersigned, on behalf of the tenderer. .....(Name of the Tenderer), shall not be withdrawn or modified during the period of validity or extended period of validity.

I, on behalf of the tenderer. .....(Name of the Tenderer), also accept the fact that in case the tender is withdrawn or modified during the period of its validity/extended validity period or if we fail to sign the contract in case the contract is awarded to us or we fail to submit a Performance Bank Guarantee and Additional Performance Security, if any, before the deadline fixed in the Tender Document, then.....(name of the tenderer) will be debarred for participation in the tendering process for the Procurements of this Procurement Entity for a period of one year from the date of default and the EMD shall stand forfeited.

(Signature of the Authorized Signatory, Official Seal)

CHECKLIST OF DOCUMENTS TO BE SUBMITTED BY BIDDERS

(To be submitted in Letterhead)

IMPORTANT NOTICE: The following checklist of documents should be submitted by the bidder in the tender. The following list is only an illustrative list and not the complete list of documents. Bidders may please note that, in case one or more documents as required in the tender document are not submitted in the tender, as per the format mentioned in the tender document and in clear & readable format, before the tender due date and time, then the tender submitted by the bidder shall be liable for outright rejection. The purchaser shall not accept any document which have not been uploaded before the tender due date and time. Therefore, the bidders are requested to read the tender document carefully and submit/upload the complete list of documents as required in the tender document.

Indent No. _____ Date: ___/___/_____

SL No	Details	Submitted (Yes / No)
1.	Earnest Money Deposit (EMD)	
2.	GST Registration Certificate	
3.	Annual Turnover for the past three year as per format 2022-23, 2023-24, 2024-25.	
4.	Annexure-1: Technical Specifications	
5.	Annexure-2: Commercial Bid Format	
6.	Annexure-3: Format for Experience / Turnover Information	
7.	Annexure-4: Manufacturer Authorization Form (MAF)	
8.	Annexure-5: Company Contact Information for Communication	
9.	Annexure-6 : TENDER FORM	
10.	Annexure-7 : Undertaking on being Non-Black listed	
11.	Annexure-8: Undertaking on Litigation (S)	
12.	Annexure-9: EMD Declaration.	
13.	Manufacturing License	
14.	80% / 40% Performance Statement to be submitted by the Manufacturer as per proforma.	
15.	Proof of 80% performance (Supply orders or invoice copies) to be submitted by the Manufacturer	
16.	50% Performance statement to be submitted by dealer / authorized agent as per proforma.	
17.	Proof of 50% performance (Supply orders or invoice copies) to be submitted by dealer / authorized agent	

SL No	Details	Submitted (Yes / No)
18.	End user certificate	
19.	Technical literatures of the quoted model	
20.	Technical Compliance statements	
21.	Standard certificates like ISO or any other certificates required as per the tender document	
22.	Clause – 17 : Border Clause, Self-Declaration in Letterhead.	
23.	Any other documents as mentioned in tender document	

Date: Signature:

Place: Name:

Company Seal: Designation: